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FEB 22 1999

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

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Applicant's or agent's file reference UV/38 PCT	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/US 98/ 21473	International filing date (day/month/year) 13/10/1998	(Earliest) Priority Date (day/month/year) 10/10/1997
Applicant TCI-TVGOS, INC. et al.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 3 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. ☐ Certain claims were found unsearchable (see Box I).

2. ☐ Unity of invention is lacking (see Box II).

3. ☐ The international application contains disclosure of a nucleotide and/or amino acid sequence listing and the international search was carried out on the basis of the sequence listing

☐ filed with the international application.

☐ furnished by the applicant separately from the international application,

☐ but not accompanied by a statement to the effect that it did not include matter going beyond the disclosure in the international application as filed.

☐ Transcribed by this Authority

4. With regard to the title, ☒ the text is approved as submitted by the applicant

☐ the text has been established by this Authority to read as follows:

5. With regard to the abstract,

☒ the text is approved as submitted by the applicant

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this International Search Report, submit comments to this Authority.

6. The figure of the drawings to be published with the abstract is:

Figure No. 2 ☐ as suggested by the applicant.

☐ None of the figures.

☒ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

INTERNATIONAL SEARCH REPORT

International Application No.

PC/US 98/21473

A. CLASSIFICATION OF SUBJECT MATTER
IPC 6 H04N7/16

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 6 H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y A	EP 0 463 451 A (GEN INSTRUMENT CORP) 2 January 1992 see column 1, line 7 - line 50 see column 2, line 51 - column 3, line 26 see column 4, line 38 - line 52 see column 8, line 39 - column 11, line 12 --- -/--	1,3,4, 14,16,17 5-7, 10-13, 18-20, 23,25,26 27-29

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

5 February 1999

Date of mailing of the international search report

11/02/1999

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	HARTWIG S ET AL: "BROADCASTING AND PROCESSING OF PROGRAM GUIDES FOR DIGITAL TV" SMPTE JOURNAL, vol. 106, no. 10, October 1997, pages 727-732, XP000727504 see page 727, middle column, paragraph 2 - right-hand column, paragraph 1 see page 729, left-hand column, paragraph 2 ---	10, 13, 23, 26
Y	EP 0 758 833 A (GEN INSTRUMENT CORP) 19 February 1997 see page 2, line 21 - line 36 see page 3, line 11 - line 22 see page 4, line 55 - page 5, line 2 see page 6, line 12 - line 21 -----	5-7, 11, 12, 18-20, 25

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 98/21473

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0463451 A	02-01-1992	US 5260778 A	09-11-1993
		CA 2043911 A,C	27-12-1991
		IL 98406 A	21-10-1994
		JP 4233886 A	21-08-1992
		NO 300079 B	01-04-1997
EP 0758833 A	19-02-1997	US 5801753 A	01-09-1998
		AU 6201396 A	13-02-1997
		CA 2182911 A	12-02-1997
		CN 1149804 A	14-05-1997
		JP 9198445 A	31-07-1997
		NO 963290 A	12-02-1997
		US 5844620 A	01-12-1998